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**From:** Yang, Ching-Shih [Yang.Ching-Shih@epa.gov]  
**Sent:** 6/25/2021 7:59:11 PM  
**To:** Ball, Joel [ball.joel@epa.gov]; Kacan, Kelly [Kacan.Kelly@epa.gov]  
**CC:** Pugliese, Holly [pugliese.holly@epa.gov]  
**Subject:** Updating LD Public recall Qlik app data  
**Attachments:** LD recall Qlik data 6\_25\_2021.xlsx; LD recall Qlik data 12\_8\_2020.csv

Hey everyone,

We've committed to trying to update the public LD recall data once every 4 months. The time has come and worked through getting what I believe is all the new data that has come in since we last ran the data. Since it took us a while to clean the data, this is definitely more than 4 months worth of data that I've attached. I've also attached the previous datafile so that we'd all know what the current data needs to end up looking like. From what I can tell, I believe at least these adjustments would need to be made to the data before it can be uploaded in place of the old datafile:

- 1) All the empty values for transmission would need to be filled in with all possible transmission values. I'm guessing I can just look at all the displacements associated with a test group and use that to fill in this info? If so, I can take on this item.
- 2) There are records with blanks for models and make fields (only have test group). Does this seem right? In these cases, do we just look up all the possible makes and models (and displacements) associated with those test groups in those cases?
- 3) Some of the model fields have info that needs to be parsed into the Body Style/Trim Level/Engine Details Field (Kelly, could you do that as you had done before?)
- 4) I can go through and adjust any capitalization issues to make everything consistent

It's been a while so I'm not sure if I'm missing anything here. Joel and Kelly, if you all can take a look and respond with what else you think might need to be adjusted, that would be helpful.

Thanks,

**Ching-Shih Yang**  
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